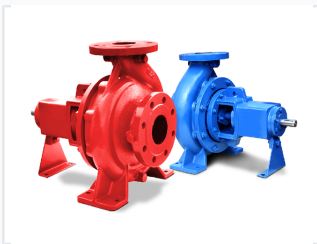


Centrifugal Pump for Air Conditioning Systems

This high-performance centrifugal pump is designed for air conditioning systems. Its robust construction ensures durability and efficient fluid transfer.



ADDITIONAL IMAGES



Overview

High-Performance PA Series End Suction Pump

The PA series end suction pump is engineered to meet the rigorous DIN 24255 (EN 733) international standards, ensuring reliability and long-lasting performance in demanding environments. This robust centrifugal pump is designed for versatility, making it an ideal choice for cooling water systems, fire protection, irrigation, and pressure boosting applications. With high-quality materials and precision engineering, it offers efficient fluid transfer for both commercial and industrial air conditioning systems.

Primary Applications

Cooling Water • Water Supply/Distribution • Fire Protection • Irrigation • Pressure Boosting • Circulating • Refrigeration

Performance Metrics

Key Performance Indicators

1100 m³/h

Max Capacity

150 m

Max Head

105 °C

Max Temp

Technical Specifications

Operating Parameters

Parameter	Value/Range
Inlet Diameter	50~300 mm
Outlet Diameter	32~250 mm
Working Pressure	10 Bar (Standard), 16 Bar (Optional)
Speed (50Hz)	2900/1450/980/740/580 rpm
Speed (60Hz)	3500/1750/1180/890/710 rpm

Sealing and Lubrication

Mechanical Seal (Carbon/Ceramics/Viton), Gland Packing (Optional), Grease Life Lubricated Bearings, Oil Lubrication (Optional)

Materials and Construction

Construction Materials

- Casing: Cast iron
- Impeller: Cast iron/Stainless steel 304 (Duplex stainless steel optional)
- Shaft: Stainless steel 420 (SUS304, SUS316, Duplex steel optional)
- Wear ring: Cast iron/Stainless steel
- Bearing: Japanese Brand NTN